

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1. (Original) A method for transporting real-time data over a packet-switched network and a circuit-switched network, comprising the steps of:

receiving an internet protocol (IP) packet from the packet-switched network at a designated point in the circuit-switched network;
generating a payload data packet;
aligning the payload data packet to a circuit-switched frame;
transporting the circuit-switched frame over-the-air to a wireless communication device;
extracting the payload data packet from the circuit-switched frame at the wireless communication device; and
generating a new IP packet from the payload data packet.

2. (Original) The method of Claim 1, wherein the step of generating the payload data packet comprises the steps of:

if the data in the internet protocol packet is intact, then compressing the internet protocol packet at the designated point to form a payload data packet; and
if the data in the internet protocol packet is corrupted, then generating a null frame as a payload data packet.

3. (Original) The method of Claim 2, wherein the step of compressing the IP packet comprises the step of stripping off header information.

4. (Original) The method of Claim 2, wherein if the null frame is the payload data packet, then the step of extracting the payload data packet comprises the step of interpolating a substitute for the null frame from at least one adjacent payload data packet.

5. (Original) The method of Claim 2, wherein if the null frame is the payload data packet, then the step of extracting the payload data packet comprises the step of using a last non-null frame as the payload data packet.

6. (Original) The method of Claim 3, wherein the step of generating the new IP packet from the payload data packet comprises the step of adding new header information to the payload data packet.

7. (Original) The method of Claim 6, wherein if the null frame is received, the step of generating the new IP packet from the payload data packet further comprises the steps of:

incrementing a radio transport protocol (RTP) sequence number if the null frame is received; and

including the incremented RTP sequence number in the new header information.

8. (Original) The method of Claim 2, wherein a packet data serving node (PDSN) is the designated point, and the step of generating the payload packet is performed by the PDSN.

9. (Original) The method of Claim 2, wherein the step of generating the payload data packet is performed by a base station.

10. (Original) A method for transporting real-time data over a circuit-switched network and a packet-switched network, comprising the steps of:

receiving an internet protocol (IP) packet from an electronic device at a wireless communication device;

generating a payload data packet from the IP packet at the wireless communication device;

aligning the payload data packet to a circuit-switched frame;

transporting the circuit-switched frame over-the-air to a base station;

extracting the payload data packet from the circuit-switched frame; and

generating a new IP packet from the payload data packet.

11. (Original) The method of Claim 10, wherein the step of generating the new IP packet from the payload data packet is performed by the base station.

12. (Original) The method of Claim 10, wherein the step of generating the new IP packet from the payload data packet is performed by a packet data serving node (PDSN).

13. (Cancelled)

14. (Currently Amended) A base station for transporting packetized voice traffic and packetized data traffic over a wireless communication network, comprising:

a processor; and

a storage element coupled to the processor comprising an instruction set executable by the processor, wherein the instruction set comprise instructions for:

receiving an internet protocol (IP) packet;

compressing the IP packet to form a payload data packet;

aligning the payload data packet to a voice frame; and

transmitting the aligned voice frame to a wireless communication device

wherein the instructions are further for generating a null frame if the received IP packet is corrupt, wherein the null frame will carry the same Radio Transport Protocol (RTP) sequence number as the flawed IP packet and will be the payload data packet.

15. (Cancelled)

16. (Currently Amended) A packet data serving node (PDSN) for transporting of packetized voice traffic and packetized data traffic over a wireless communication network, comprising:

a processor; and

a storage element couple to the processor comprising an instruction set executable by the processor, wherein the instruction set comprise instructions for:

receiving an internet protocol (IP) packet;

compressing the IP packet to form a payload data packet;

aligning the payload data packet to a voice frame; and
transmitting the aligned voice frame to a base station

wherein the instructions are further for generating a null frame if the received IP packet is corrupted, wherein the null frame will carry the same Radio Transport Protocol (RTP) sequence number as the flawed IP packet and will be the payload data packet.

17. (Cancelled)

18. (Original) Apparatus for transporting real-time data over a packet-switched network and a circuit-switched network, comprising:

means for receiving an internet protocol (IP) packet from the packet-switched network at a designated point in the circuit-switched network;

means for generating a payload data packet;

means for aligning the payload data packet to a circuit-switched frame;

means for transporting the circuit-switched frame over-the-air to a wireless communication device;

means for extracting the payload data packet from the circuit-switched frame at the wireless communication device; and

generating a new IP packet from the payload data packet.

19. (Original) Apparatus for transporting real-time data over a circuit-switched network and a packet-switched network, comprising:

means for receiving an internet protocol (IP) packet from an electronic device at a wireless communication device;

means for generating a payload data packet from the IP packet at the wireless communication device;

means for aligning the payload data packet to a circuit-switched frame;

means for transporting the circuit-switched frame over-the-air to a base station;

means for extracting the payload data packet from the circuit-switched frame; and

means for generating a new IP packet from the payload data packet.